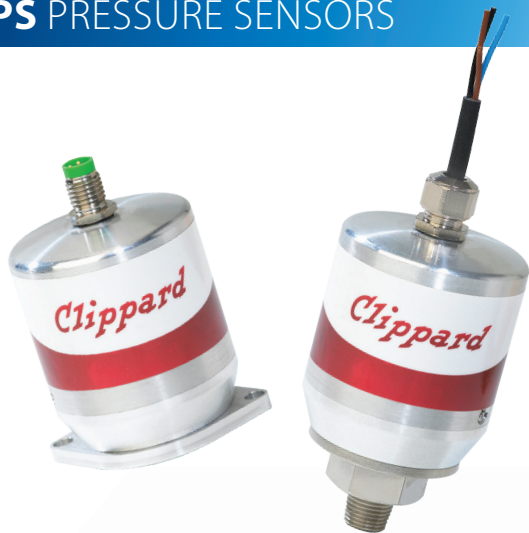


CPS PRESSURE SENSORS



These piezoresistive silicone pressure sensors can either be used as feedback for the Cordis pressure controller or as standalone transducers. They are conditioned and offer a customized calibration around your specific application requirements, which allows for a full-scale accuracy of 0.25% over the calibrated range.

Multiple mounting options enable the sensor to be placed downstream or in a remote location from the pressure controller. This creates a quicker response and helps avoid any lag in the system.

The manifold mount option lends itself well to analytical value-added assemblies. All wetted materials are oxygen compatible and manifold mounting eliminates any possible contamination during assembly.

- Standalone unit or used in conjunction with Cordis pressure controller
- Downstream sensor feedback
- Multiple VDC signal outputs
- Static or dynamic applications
- Multiple electrical connection options
- Customizable pressure ranges and mounting options
- IP65

Accuracy	±0.25% of full scale
Calibrated Pressure Range	Vac. to 150 psig (10.3 bar)
Current Draw	<20 mA (<i>sensor only</i>)
Linearity	±0.25% BFSL
Material, Wetted	Body: Aluminum Fitting: ENP Brass Manifold: Anodized aluminum O-rings: FKM Sensor: Polyamide
Medium	Clean, dry, non-corrosive gases
Mounting Attitude	Any
Operating Temperature	32 to 158°F (0 to 70°C)
Porting	1/8 NPT, 7/16-20, manifold or male 1/8" BPST
Protection Rating	IP65
Response Time	<5 ms
Signal Output	0 to 5, 0 to 10, or 0.5 to 4.5 VDC
Supply Voltage	12 to 24 VDC
More Details	clippard.com/link/cordis-cps



